

Reference Data

Eaton 9SX 5000i Rack/Tower 3U UPS



Product	Description
Eaton 9SX 5000i RT3U	Online Double conversion UPS, 5000VA/4500W, Versatile Tower/Rack 3U, multilingual LCD display USB & Serial ports, slot for optional com card, 4 dry contacts, RPO & ROO connectors, power management software compatible with virtual environment, 8 IEC 10A outlets (2 manageable groups) + 2 IEC 16A, Hot-swappable batteries, all necessary hardware included for rack or tower mounting.
EATON Ref	
9SX5KiRT	

Packaging	Size (WxDxH*, mm)	Weight (kg)	Number of Units / Packaging	UPC Code
Individual Packaging	595*977*323	57 kg	1 product / carton	743172039347
Complete Pallet	1200*1000*1095	352 kg	6 cartons / pallet	

Packaging content
9SX UPS + 2 IEC output power cords + Eaton Intelligent Power Software CD + USB Cable + Serial Cable + 2 supports for tower mounting + 2 brackets for 19' mounting + 2 universal rails + cable locking systems + Safety guide + 10-language user manual

Technical Specifications	
Technology	On line double conversion with PFC system (Power Factor Correction)
Capacity	5000VA/4500W
Dimensions (WxDxH*)/ Weight	3U- 440 (19")*685*130mm / 48 kg
Input / Output connections	Input: Terminal block (up to 10 mm ²) Output: Terminal block + 8 IEC C13 (10A) manageable in 2 groups + 2 IEC C19 (16A)
Input / Output voltage range	176-276V without derating (up to 100-276V with derating), 200/208/220/230/240V
Input / Output frequency range	40-70Hz, 50/60Hz autoselection, frequency converter as standard
Overload / crest factor / limitation	102-110% : 120s, 110-125%: 60s, 125-150%: 10s, >150%: 500ms / 3:1 / 90A
THDI / Noise level / Efficiency	< 5% / 45 dbA / Up to 94% in Online mode, 98% in Hi-Efficiency mode
Features	Advance Battery Management (ABM) technology, Automatic battery test, Deep discharge protection, Cold start, Energy Metering.
Administration	1 USB port + 1 serial RS232 + 4 voltage free contacts (DB9) + 1 mini-terminal block for remote Off/On + 1 mini-terminal block for Remote Power Off, 1 slot for Network card or ModBus/Jbus or Contacts/Serial
User interface	4 LEDS + Multilingual LCD : access to measures, alarm messages and customisation
Standards	IEC/EN 62040-1, IEC/EN 62040-2, IEC/EN 62040-3, UL 1778, CSA 22.2, CE, CB, UL
Quality	Designed, manufactured and marketed under ISO9001 & ISO14001 quality system

Typical applications	Runtime without EBM	Runtime with 1 EBM	Runtime with 4 EBM
At 70% load / 50% load (PF 0.7)	10 min / 13 min	40 min / 60 min	150 min / 220 min
At 70% load / 50% load (PF 0.9)	6 min / 11 min	29 min / 48 min	100 min / 125 min

Selling points
<ul style="list-style-type: none"> On-line double conversion topology, with automatic by-pass and PFC system Unmatched power density with 4500W in 3U Compatibility with power factor corrected power supplies (ratio W/VA=0.9) Hot swappable batteries from front panel Easy to operate : next-generation multilingual LCD display Remote reboot and runtime optimisation thanks to 8 programmable outlets (2 x 4 outlet groups) Energy metering accessible through LCD and Software Monitoring & shutdown software for VMware, Hyper-V, Citrix Xen, Windows, Linux, SUN Solaris, HP-UX, IBM AIX 1 USB port + 1 Serial + 4 dry contacts (DB9) All necessary hardware for rack-mounting included : 19' brackets + universal rails + hardware kit Advance Battery Management (ABM) technology to increase battery lifetime Long backup time with up to 12 optional EBM cabinets Connectors for Remote power off or remote OFF/ON function

Options	Reference
Eaton 9SX EBM 180V RT3U	9SXEBM180RT
Network Card-MS	Network-MS
Network and MODBUS Card-MS	MODBUS-MS
Relay Card-MS	Relay-MS
Eaton HotSwap MBP 6000i	MBP6Ki
Eaton Transformer 11000i	TFMR11Ki
Eaton Battery Integration System	BINTSYS

*W x D x H = Width x Depth x Height

Reference Data

Eaton 9SX 6000i Rack/Tower 3U UPS



Product	Description
Eaton 9SX 6000i RT3U	Online Double conversion UPS, 6000VA/5400W, Versatile Tower/Rack 3U, multilingual LCD display, USB & Serial ports, slot for optional com card, 4 dry contacts, RPO & ROO connectors, power management software compatible with virtual environment, 8 IEC 10A outlets (2 manageable groups) + 2 IEC 16A, Hot-swappable batteries, all necessary hardware included for rack or tower mounting.
EATON Ref	
9SX6KiRT	

Packaging	Size (WxDxH*, mm)	Weight (kg)	Number of Units / Packaging	UPC Code
Individual Packaging	595*977*323	57 kg	1 product / carton	743172039354
Complete Pallet	1200*1000*1095	352 kg	6 cartons / pallet	

Packaging content
9SX UPS + 2 IEC output power cords + Eaton Intelligent Power Software CD + USB Cable + Serial Cable + 2 supports for tower mounting + 2 brackets for 19' mounting + 2 universal rails + cable locking systems + Safety guide + 10-language user manual

Technical Specifications	
Technology	On line double conversion with PFC system (Power Factor Correction)
Capacity	6000VA/5400W
Dimensions (WxDxH*)/ Weight	3U- 440 (19")*685*130mm / 48 kg
Input / Output connections	Input: Terminal block (up to 10 mm ²) Output: Terminal block + 8 IEC C13 (10A) manageable in 2 groups + 2 IEC C19 (16A)
Input / Output voltage range	176-276V without derating (up to 100-276V with derating), 200/208/220/230/240V
Input / Output frequency range	40-70Hz, 50/60Hz autoselection, frequency converter as standard
Overload / crest factor / limitation	102-110% : 120s, 110-125%: 60s, 125-150%: 10s, >150%: 500ms / 3:1 / 90A
THDI / Noise level / Efficiency	< 5% / 45 dbA / Up to 94% in Online mode, 98% in Hi-Efficiency mode
Features	Advance Battery Management (ABM) technology, Automatic battery test, Deep discharge protection, Cold start, Energy Metering.
Administration	1 USB port + 1 serial RS232 + 4 voltage free contacts (DB9) + 1 mini-terminal block for remote Off/On + 1 mini-terminal block for Remote Power Off, 1 slot for Network card or ModBus/Jbus or Contacts/Serial
User interface	4 LEDS + Multilingual LCD : access to measures, alarm messages and customization
Standards	IEC/EN 62040-1, IEC/EN 62040-2, IEC/EN 62040-3, UL 1778, CSA 22.2, CE, CB, UL
Quality	Designed, manufactured and marketed under ISO9001 & ISO14001 quality system

Typical applications	Runtime without EBM	Runtime with 1 EBM	Runtime with 4 EBM
At 70% load / 50% load (PF 0.7)	8 min / 11 min	34 min / 48 min	120 min / 170 min
At 70% load / 50% load (PF 0.9)	5 min / 8.5 min	25 min / 38 min	100 min / 133 min

Selling points
<ul style="list-style-type: none"> On-line double conversion topology, with automatic by-pass and PFC system Unmatched power density with 5400W in 3U Compatibility with power factor corrected power supplies (ratio W/VA=0.9) Hot swappable batteries from front panel Easy to operate : next-generation multilingual LCD display Remote reboot and runtime optimization thanks to 8 programmable outlets (2 x 4 outlet groups) Energy metering accessible through LCD and Software Monitoring & shutdown software for VMware, Hyper-V, Citrix Xen, Windows, Linux, SUN Solaris, HP-UX, IBM AIX 1 USB port + 1 Serial + 4 dry contacts (DB9) All necessary hardware for rack-mounting included : 19' brackets + universal rails + hardware kit Advance Battery Management (ABM) technology to increase battery lifetime Long backup time with up to 12 optional EBM cabinets Connectors for Remote power off or remote OFF/ON function

Options	Reference
Eaton 9SX EBM 180V RT3U	9SXEBM180RT
Network Card-MS	Network-MS
Network and MODBUS Card-MS	MODBUS-MS
Relay Card-MS	Relay-MS
Eaton HotSwap MBP 6000i	MBP6Ki
Eaton Transformer 11000i	TFMR11Ki
Eaton Battery Integration System	BINTSYS

*W x D x H = Width x Depth x Height

Reference Data

Eaton 9SX 8000i Rack/Tower 6U UPS



Product	Description
Eaton 9SX 8000i	Online Double conversion UPS, 8000VA/7200W, Internal Bypass, multilingual LCD display, USB & Serial ports, slot for optional com card, 4 dry contacts, RPO & ROO connectors, power management software compatible with virtual environment, Hot-swappable batteries.
EATON Ref	
9SX8Ki	

Packaging	Size (WxDxH*, mm)	Weight (kg)	Number of Units / Packaging	UPC Code
Pallet	1200*1000*772	107 kg	2 packages (Power + Bat Modules) on the same pallet	743172040206

Packaging content
9SX Power module + 9SX Battery module + Eaton Intelligent Power Software CD + USB Cable + Serial Cable + 1 battery cable with comms for automatic battery cabinet recognition + 2 supports for tower mounting + link plate for tower mounting + Safety guide + 10-language user manual

Technical Specifications	
Technology	On line double conversion with PFC system (Power Factor Correction)
Capacity	8000VA/7200W
Dimensions (WxDxH)/ Weight	260*700*440mm / 77 kg
Input / Output connections	Input: Terminal block (up to 16 mm ²) Output: Terminal block
Input / Output voltage range	176-276V without derating (up to 100-276V with derating), 200/208/220/230/240/250V
Input / Output frequency range	40-70Hz, 50/60Hz autoselection, frequency converter as standard
Overload / crest factor / limitation	102-110% : 120s, 110-125%: 60s, 125-150%: 10s, >150%: 900ms / 3:1 / 120A
THDI / Noise level / Efficiency	< 5% / 48 dbA / Up to 95% in Online mode, 98% in Hi-Efficiency mode
Features	Advance Battery Management (ABM) technology, Automatic battery test, Deep discharge protection, Cold start, Energy Metering.
Administration	1 USB port + 1 serial RS232 + 4 voltage free contacts (DB9) + 1 mini-terminal block for remote Off/On + 1 mini-terminal block for Remote Power Off, 1 slot for Network card or ModBus/Jbus or Contacts/Serial
User interface	4 LEDS + Multilingual LCD : access to measures, alarm messages and customization
Standards	IEC/EN 62040-1, IEC/EN 62040-2, IEC/EN 62040-3, UL 1778, CSA 22.2, CE, CB, UL
Quality	Designed, manufactured and marketed under ISO9001 & ISO14001 quality system

Typical applications	Runtime 1 PM + 1 EBM	Runtime 1 PM + 2 EBM	Runtime 1 PM + 5 EBM
At 70% load / 50% load (PF 0.7)	10 min / 15 min	25 min / 38 min	82 min / 120 min

Selling points
<ul style="list-style-type: none"> On-line double conversion topology, with automatic by-pass and PFC system UPS can be connected to 2 independant sources (AC normal , AC bypass) Compatibility with power factor corrected power supplies (ratio W/VA=0.9) Easy to operate : next-generation multilingual LCD display Energy metering accessible through LCD and Software 1 USB port + 1 Serial + 4 dry contacts (DB9) Monitoring & shutdown software for VMware, Hyper-V, Citrix Xen, Windows, Linux, SUN Solaris, HP-UX, IBM AIX 1 Slot for optional com card (Network Management card, ModBus/Jbus or Contacts/Serial cards) Advance Battery Management (ABM) technology to increase battery lifetime Long backup time with up to 12 optional EBM cabinets Connectors for Remote power off or remote OFF/ON function

Options	Reference
Eaton 9SX EBM 240V	9SXEBM240
Network Card-MS	Network-MS
Network and MODBUS Card-MS	MODBUS-MS
Relay Card-MS	Relay-MS
Eaton Supercharger 240VDC	SC240RT
Eaton Rack kit 9PX/9SX	9RK
Eaton Transformer 11000i	TFMR11Ki
Eaton Battery Integration System	BINTSYS

*W x D x H = Width x Depth x Height,

Reference Data

Eaton 9SX 11000i Rack/Tower 6U UPS



Product	Description
Eaton 9SX 11000i	Online Double conversion UPS, 11000VA/10000W, Internal Bypass, multilingual LCD display, USB & Serial ports, 4 dry contacts, RPO & ROO connectors, power management software compatible with virtual environment, slot for optional com card, Hot-swappable batteries.
EATON Ref	
9SX11Ki	

Packaging	Size (WxDxH*, mm)	Weight (kg)	Number of Units / Packaging	UPC Code
Pallet	1200*1000*772	109 kg	2 packages (Power + Bat Modules) on the same pallet	743172040213

Packaging content
9SX Power module + 9SX Battery module + Eaton Intelligent Power Software CD + USB Cable + Serial Cable + 1 battery cable with comms for automatic battery cabinet recognition + 2 supports for tower mounting + link plate for tower mounting + Safety guide + 10-language user manual

Technical Specifications	
Technology	On line double conversion with PFC system (Power Factor Correction)
Capacity	11000VA/10000W
Dimensions (WxDxH)/ Weight	260*700*440mm / 79 kg
Input / Output connections	Input: Terminal block (up to 16 mm ²) Output: Terminal block
Input / Output voltage range	176-276V without derating (up to 100-276V with derating), 200/208/220/230/240/250V
Input / Output frequency range	40-70Hz, 50/60Hz autoselection, frequency converter as standard
Overload / crest factor / limitation	102-110% : 120s, 110-125%: 60s, 125-150%: 10s, >150%: 900ms / 3:1 / 150A
THDI / Noise level / Efficiency	< 5% / 50 dbA / Up to 95% in Online mode, 98% in Hi-Efficiency mode
Features	Advance Battery Management (ABM) technology, Automatic battery test, Deep discharge protection, Cold start, Energy Metering.
Administration	1 USB port + 1 serial RS232 + 4 voltage free contacts (DB9) + 1 mini-terminal block for remote Off/On + 1 mini-terminal block for Remote Power Off, 1 slot for Network card or ModBus/Jbus or Contacts/Serial
User interface	4 LEDS + Multilingual LCD : access to measures, alarm messages and customization
Standards	IEC/EN 62040-1, IEC/EN 62040-2, IEC/EN 62040-3, UL 1778, CSA 22.2, CE, CB, UL
Quality	Designed, manufactured and marketed under ISO9001 & ISO14001 quality system

Typical applications	Runtime 1 PM + 1 EBM	Runtime 1 PM + 2 EBM	Runtime 1 PM + 5 EBM
At 70% load / 50% load (PF 0.7)	5 min / 9 min	15 min / 20 min	55 min / 80 min

Selling points
<ul style="list-style-type: none"> On-line double conversion topology, with automatic by-pass and PFC system UPS can be connected to 2 independant sources (AC normal , AC bypass) Compatibility with power factor corrected power supplies (ratio W/VA=0.9) Easy to operate : next-generation multilingual LCD display Energy metering accessible through LCD and Software 1 USB port + 1 Serial + 4 dry contacts (DB9) Monitoring & shutdown software for VMware, Hyper-V, Citrix Xen, Windows, Linux, SUN Solaris, HP-UX, IBM AIX 1 Slot for optional com card (Network Management card, ModBus/Jbus or Contacts/Serial cards) Advance Battery Management (ABM) technology to increase battery lifetime Long backup time with up to 12 optional EBM cabinets Connectors for Remote power off or remote OFF/ON function

Options	Reference
Eaton 9SX EBM 240V	9SXEBM240
Network Card-MS	Network-MS
Network and MODBUS Card-MS	MODBUS-MS
Relay Card-MS	Relay-MS
Eaton Supercharger 240VDC	SC240RT
Eaton Rack kit 9PX/9SX	9RK
Eaton Transformer 11000i	TFMR11Ki
Eaton Battery Integration System	BINTSYS

*W x D x H = Width x Depth x Height

Reference Data

Eaton 9SX Extended Battery Module 180V



Product	Description
Eaton 9SX EBM 180V	Battery Extension cabinet for 9SX 5000/6000i, versatile Tower/Rack 3U
EATON Ref	
9SXEBM180RT	

Packaging	Size (WxDxH*, mm)	Weight (kg)	Number of Units / Packaging	UPC Code
Individual Packaging	595*977*323	73 kg	1 product / carton	743172039415
Complete Pallet	1200*1000*1095	458 kg	6 cartons / pallet	

Packaging contents
Battery pack + 1 battery cable with comms for automatic battery cabinet recognition + brackets for 19" mounting + universal rails + link plate for tower mounting + EBM user manual

Technical Specifications	
Dimensions (W x D x H*)/ Weight	3U – 440 (19")645*130 mm / 68 kg
Warranty	2 years
Standards	IEC/EN 62040-1, IEC/EN 62040-2, IEC/EN 62040-3, CE, CB report
Quality	Designed, manufactured and marketed under ISO9001 & ISO14001 quality system

*W x D x H = Width x Depth x Height

Runtime in Minutes at % of rated load (PF 0.9)	10	25	50	75	100
5000 + 1 EBM	246	103	48	27	20
5000 + 2 EBM	485	175	88	53	38
5000 + 3 EBM	661	262	123	83	54
5000 + 4 EBM	935	377	167	109	80
5000 + 5 EBM	1110	480	210	133	101
5000 + 6 EBM	1250	551	254	162	115
6000 + 1 EBM	203	85	38	24	16
6000 + 2 EBM	399	147	71	45	28
6000 + 3 EBM	554	214	104	62	47
6000 + 4 EBM	755	287	133	90	58
6000 + 5 EBM	961	396	170	111	82
6000 + 6 EBM	1105	481	206	131	100

Options	Reference
Eaton 1,8m cable 180V EBM	EBMCBL180
Eaton Battery Integration System	BINTSYS

Reference Data

Eaton 9SX Extended Battery Module 240V



Product	Description
Eaton 9SX EBM 240V	Battery Extension cabinet for 9SX 8000/11000i, versatile Tower/Rack 3U
EATON Ref	
9SXEBM240	

Packaging	Size (WxDxH*, mm)	Weight (kg)	Number of Units / Packaging	UPC Code
Individual Packaging	595*977*323	63 kg	1 product / carton	743172039439
Complete Pallet	1200*1000*1095	398 kg	6 cartons / pallet	

Packaging contents
Battery pack + 1 battery cable with comms for automatic battery cabinet recognition + link plate for tower mounting + EBM user manual

Technical Specifications	
Dimensions (W x D x H*)/ Weight	3U - 440*680*130 mm / 58 kg
Warranty	2 years
Standards	IEC/EN 62040-1, IEC/EN 62040-2, IEC/EN 62040-3, CE, CB report
Quality	Designed, manufactured and marketed under ISO9001 & ISO14001 quality system

*W x D x H = Width x Depth x Height

Runtime in Minutes at % of rated load (PF 0.9)	10	25	50	75	100
8K Std + 1 EBM	173	72	29	18	12
8K Std + 2 EBM	279	112	51	29	21
8K Std + 3 EBM	430	151	73	46	29
8K Std + 4 EBM	541	185	95	58	42
8K Std + 5 EBM	652	234	114	73	51
11K Std + 1 EBM	128	47	18	10	6
11K Std + 2 EBM	199	81	33	18	10
11K Std + 3 EBM	279	109	48	25	18
11K Std + 4 EBM	392	135	63	38	24
11K Std + 5 EBM	491	163	83	48	33

Options	Reference
Eaton Rack kit 9PX/9SX	9RK
Eaton 1,8m cable 240V EBM	EBMCBL240
Eaton Battery Integration System	BINTSYS